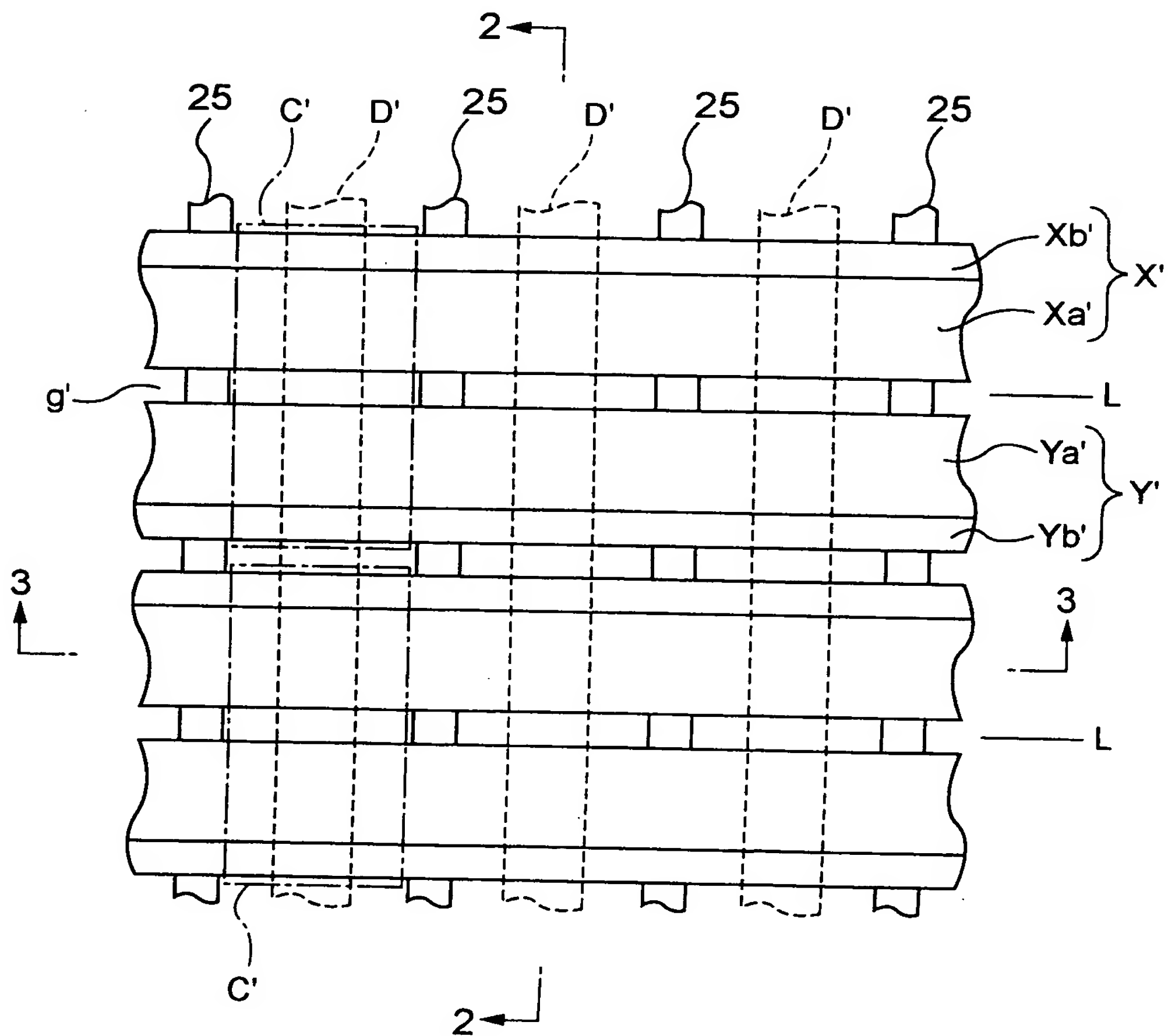


FIG. 1



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PRIOR ART

FIG. 2

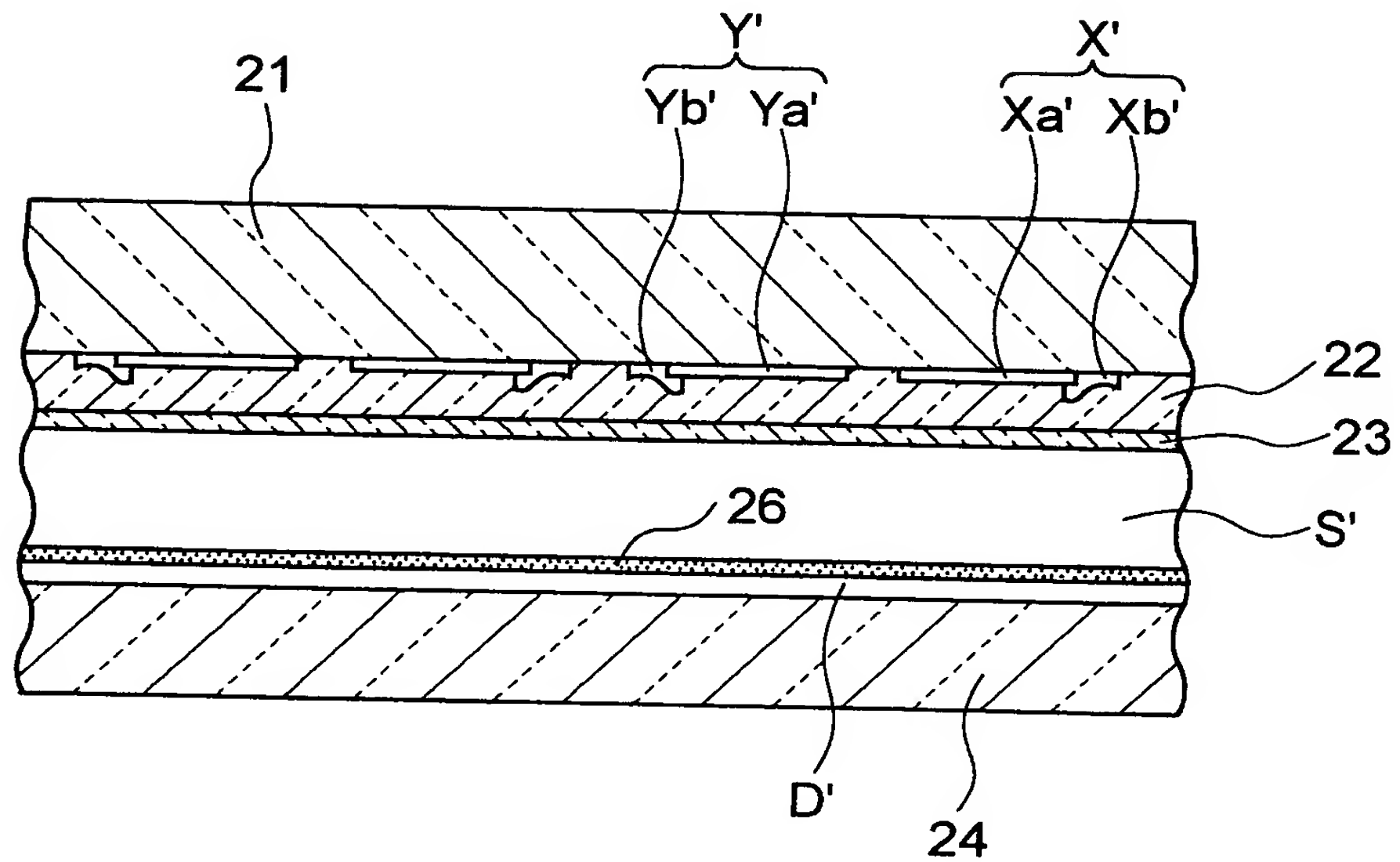
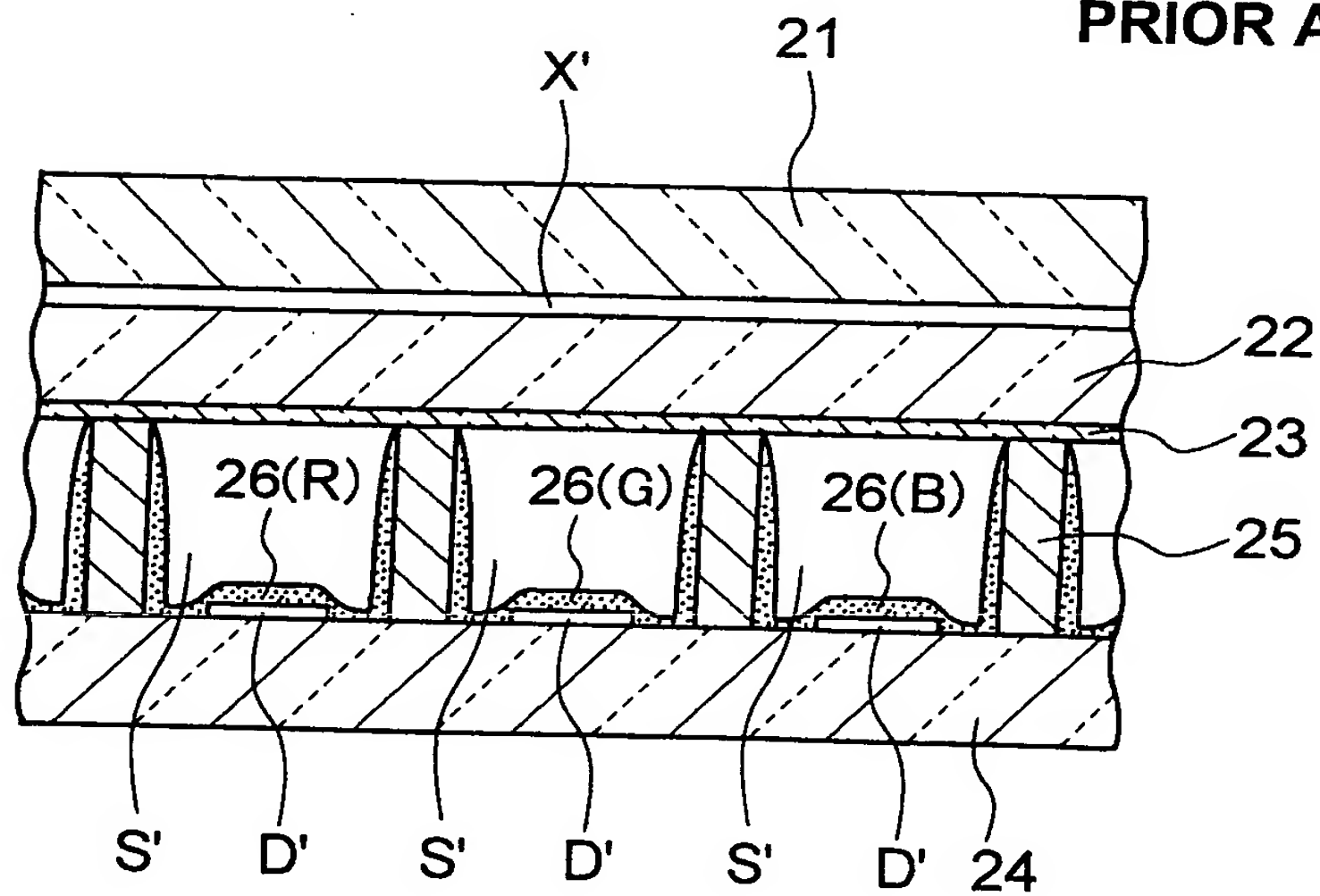


FIG. 3

PRIOR ART



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FIG. 4

PRIOR ART

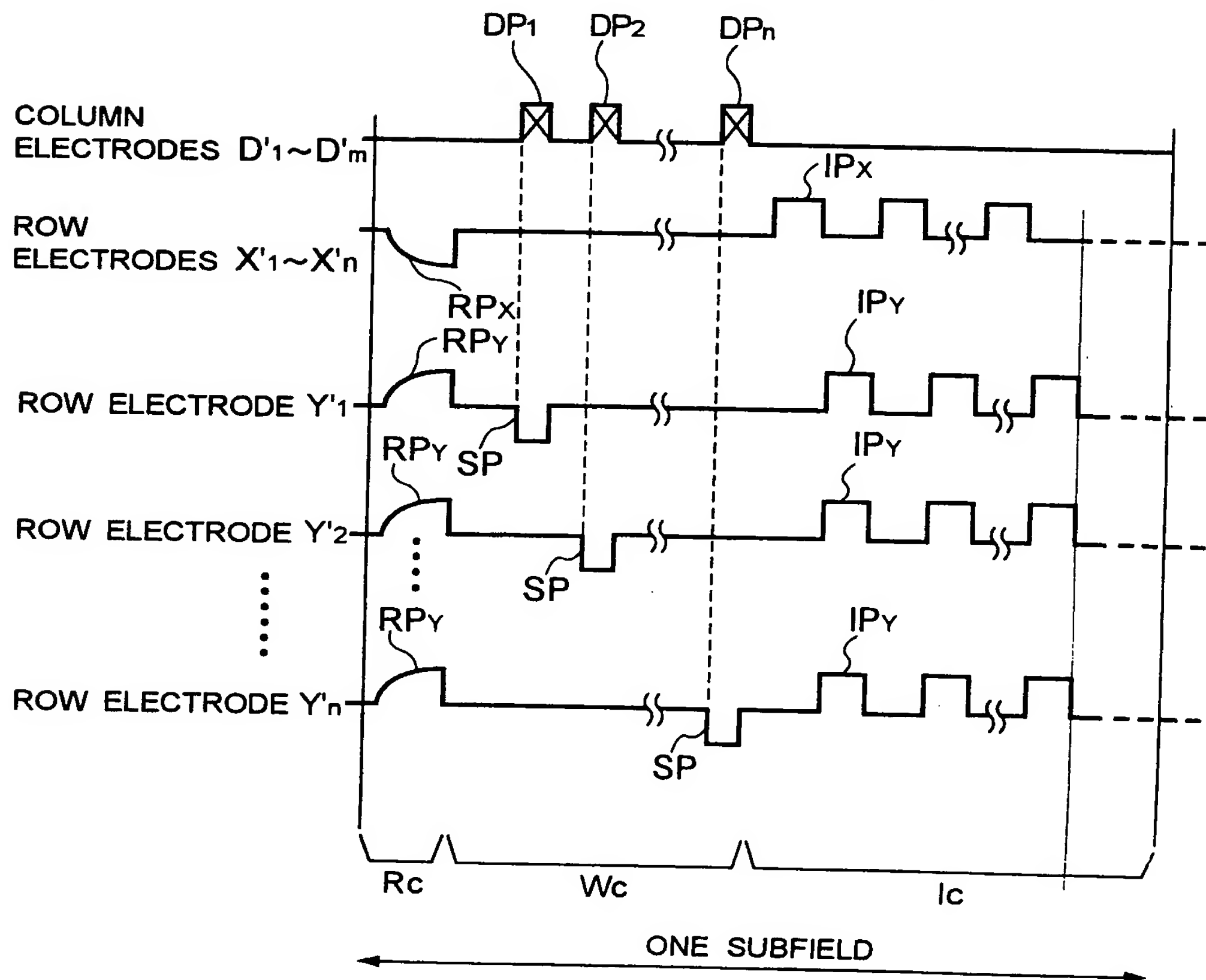


FIG. 5

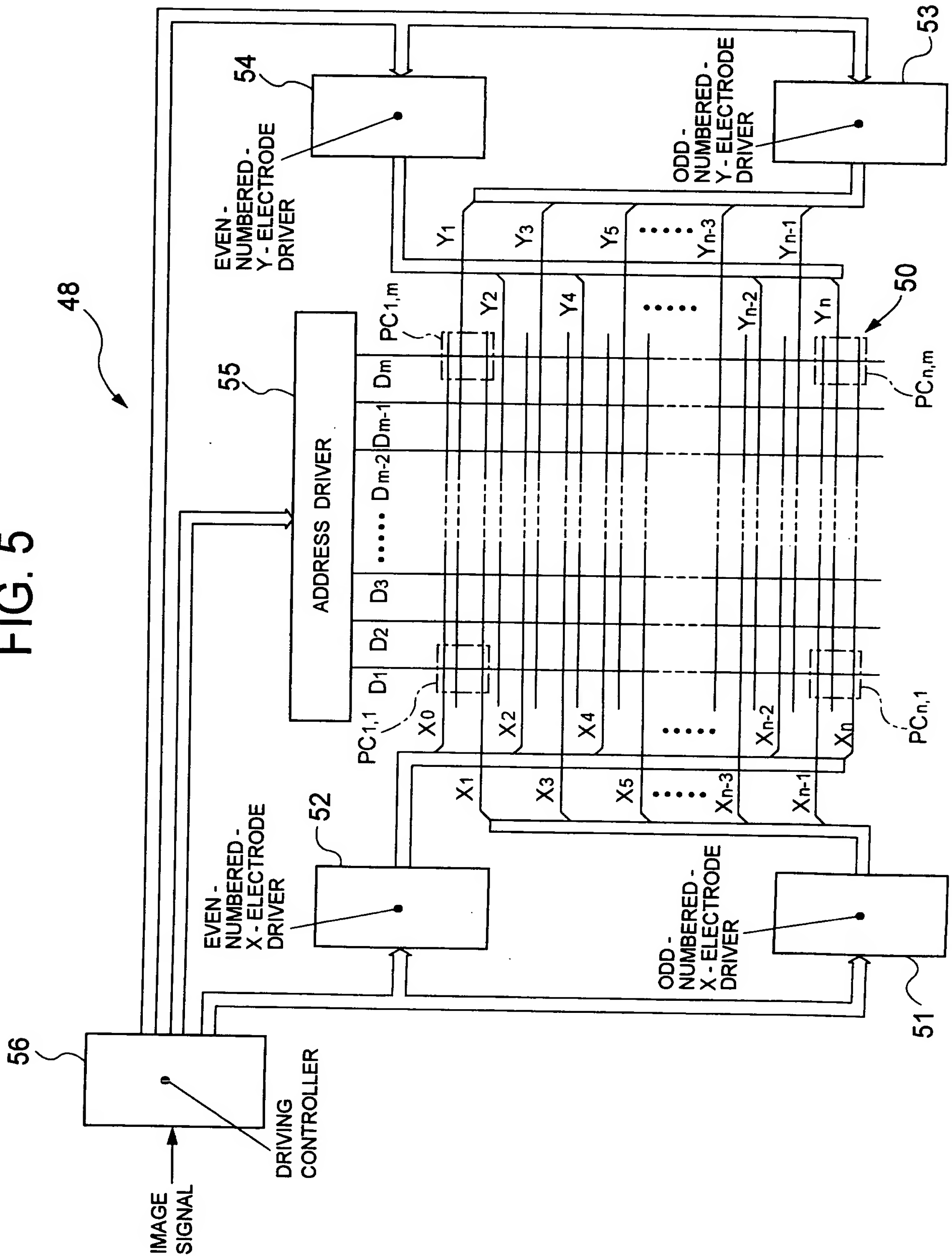


FIG. 7

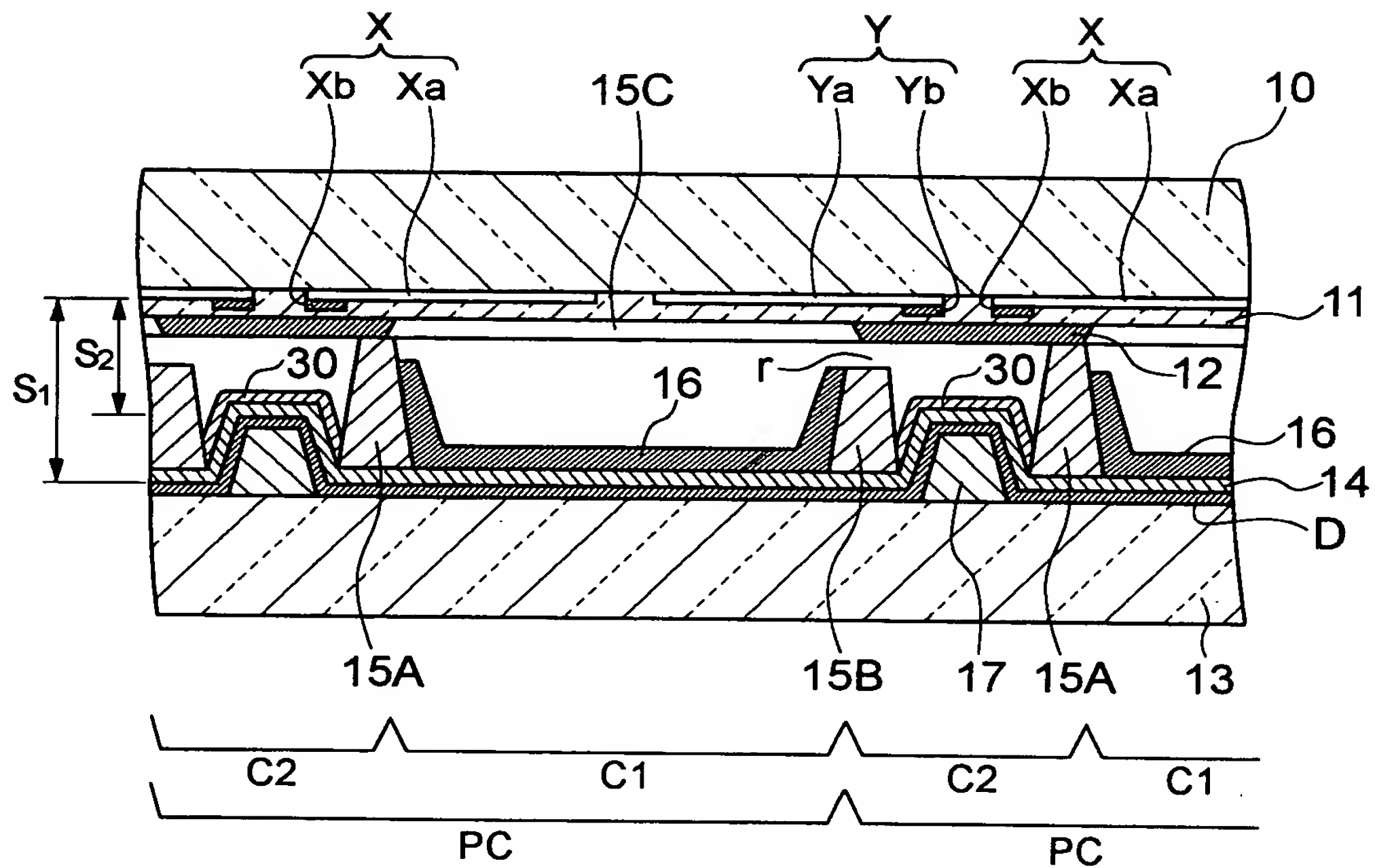


FIG. 8

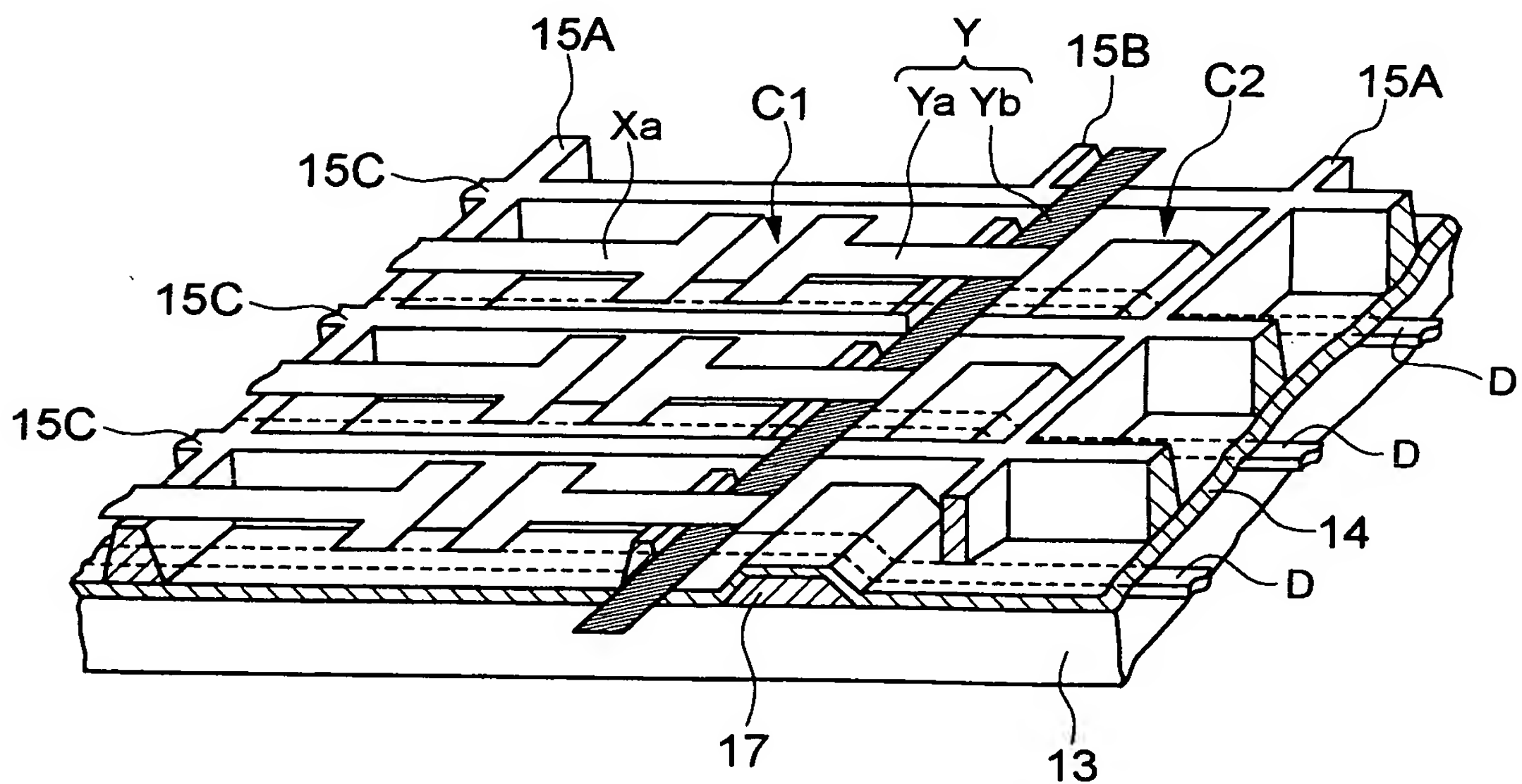
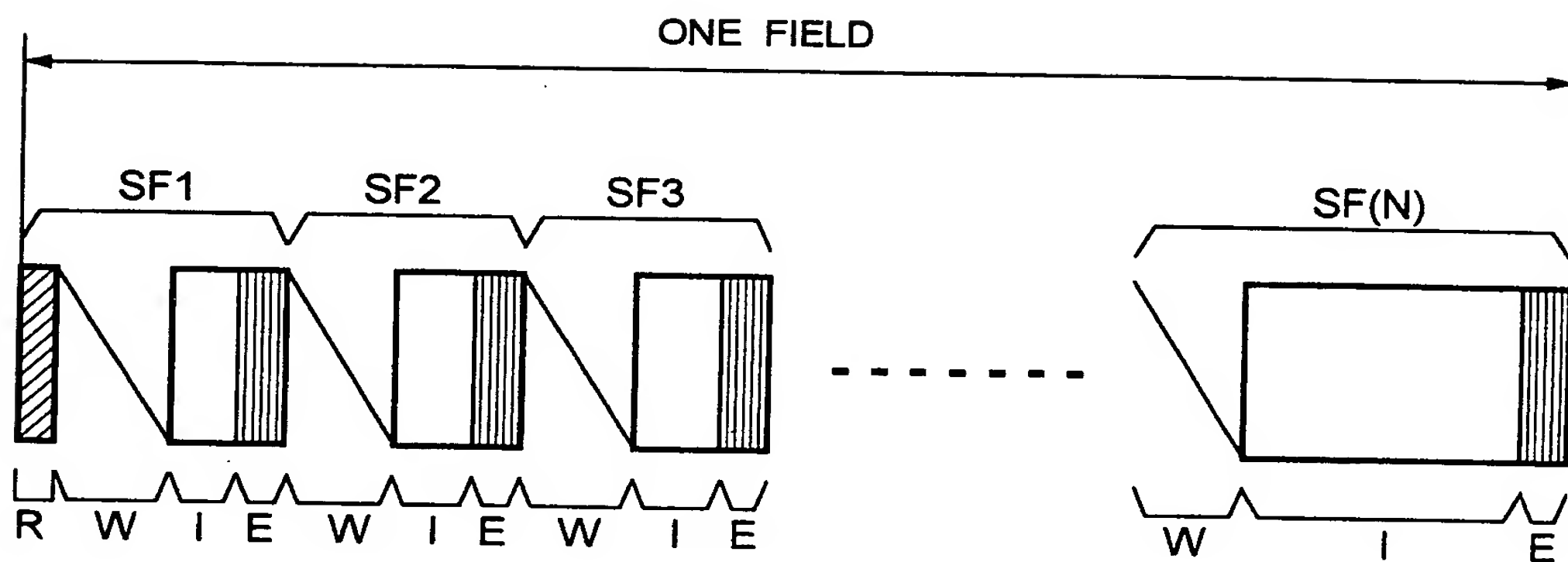
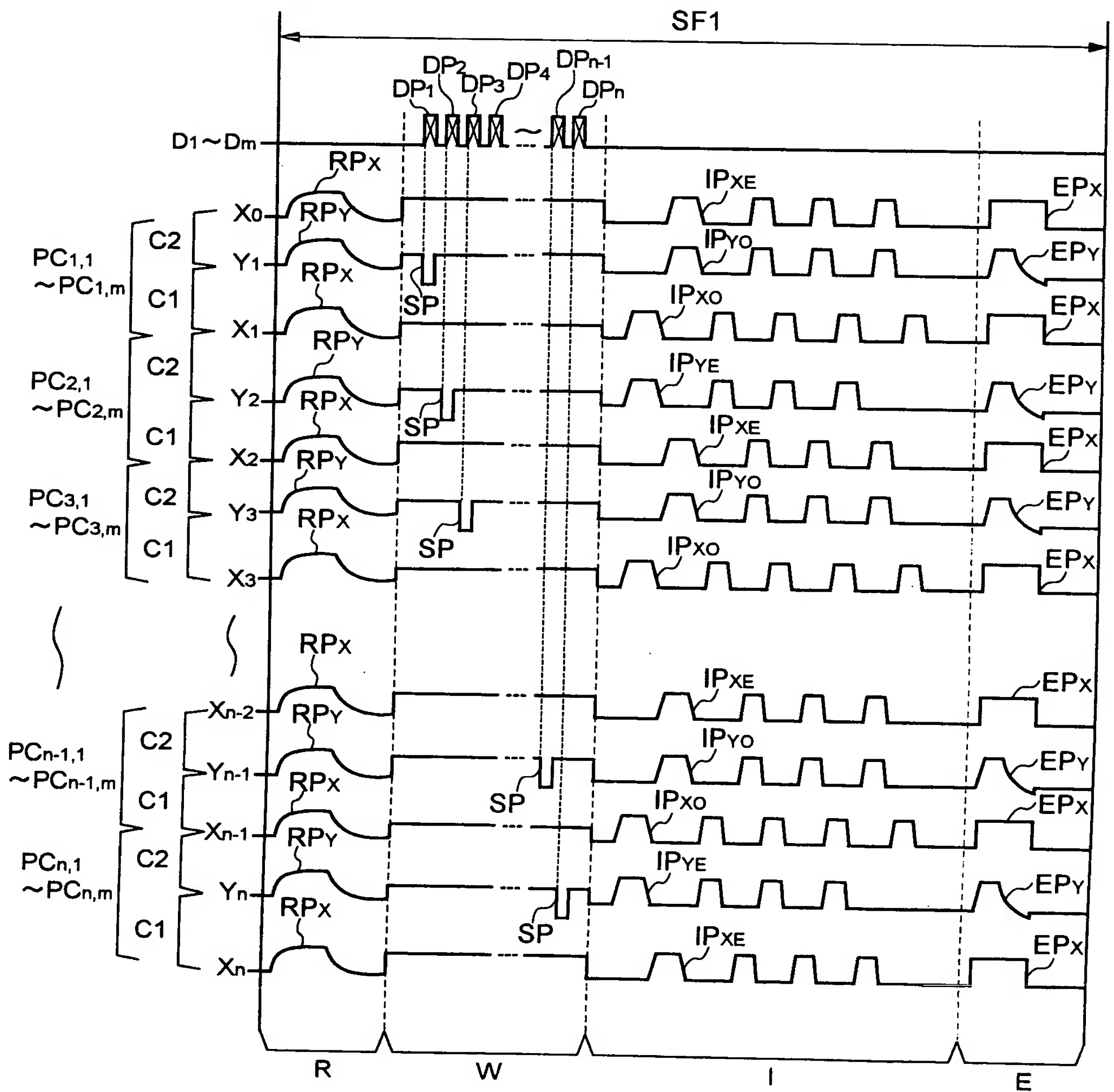


FIG. 9



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FIG. 10



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FIG. 11

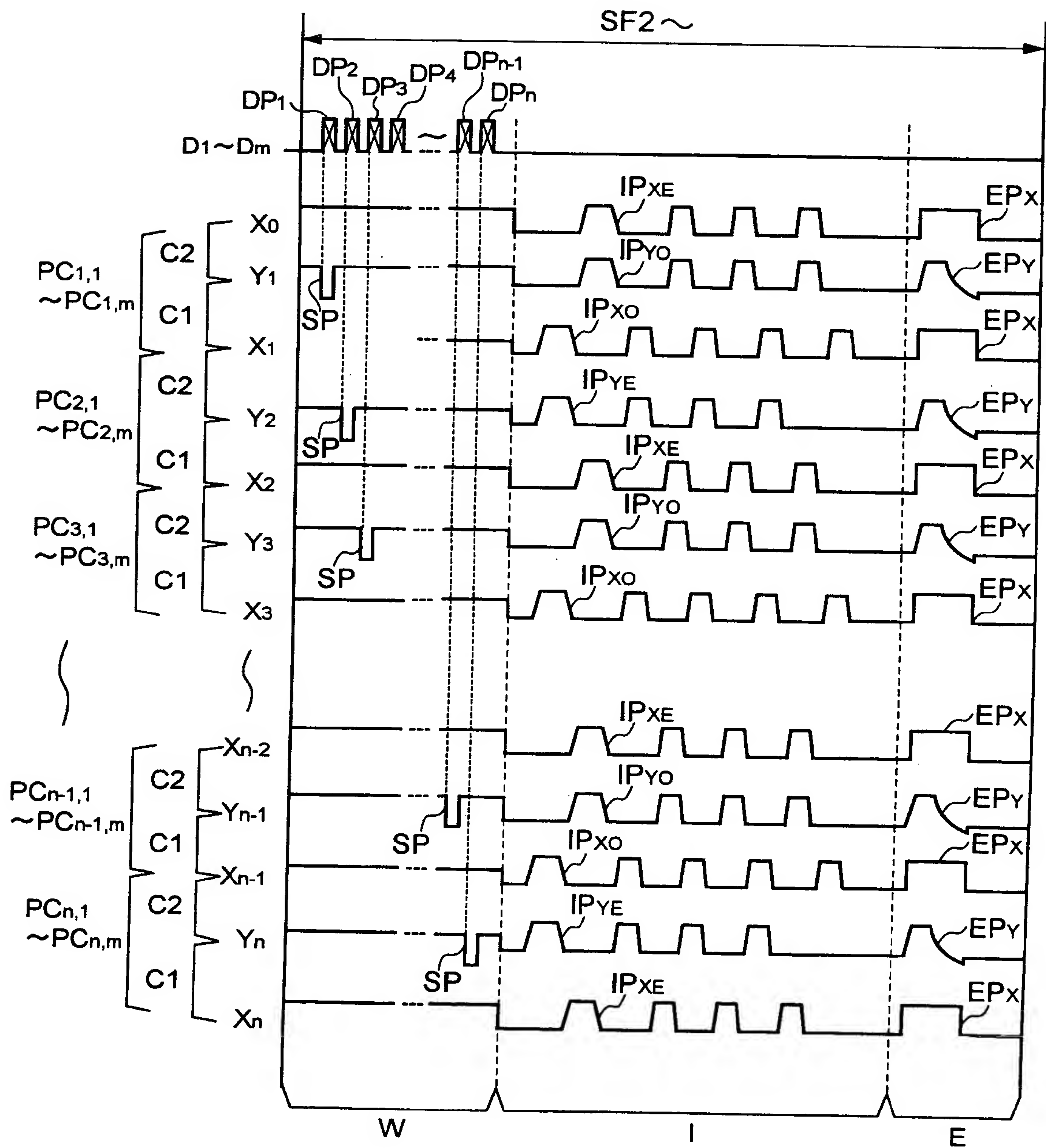
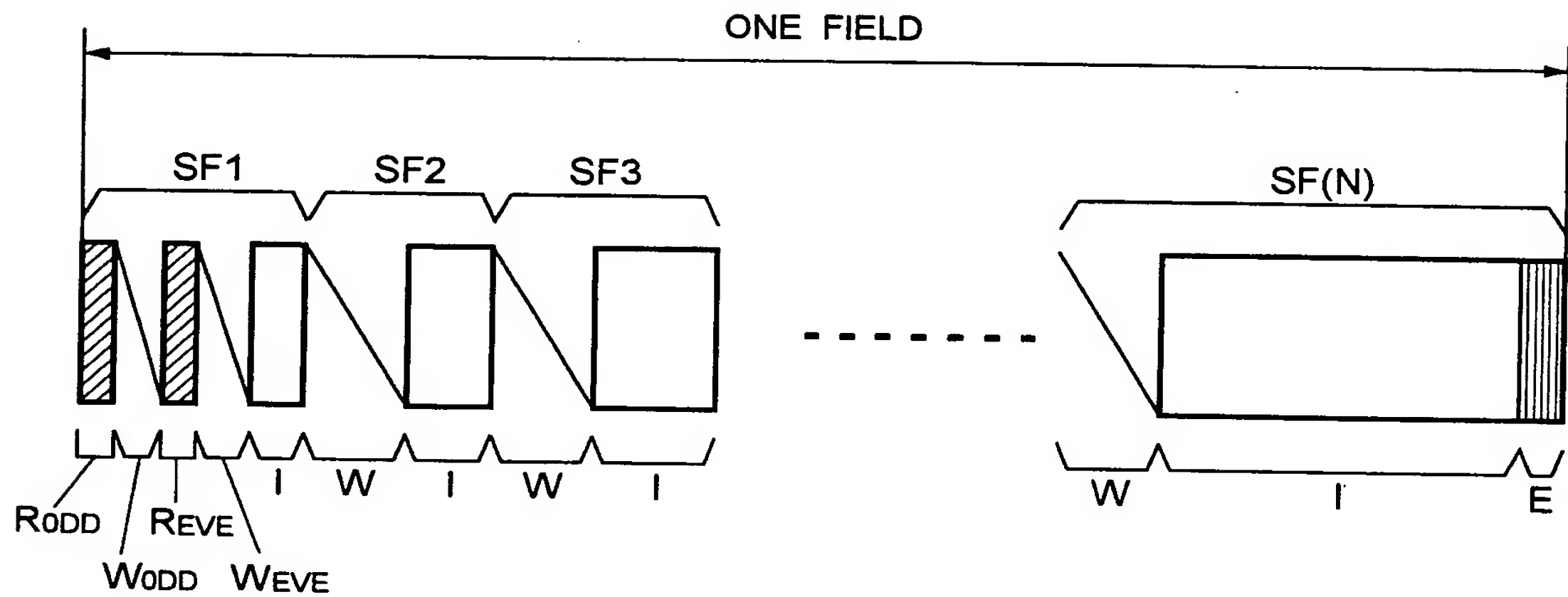
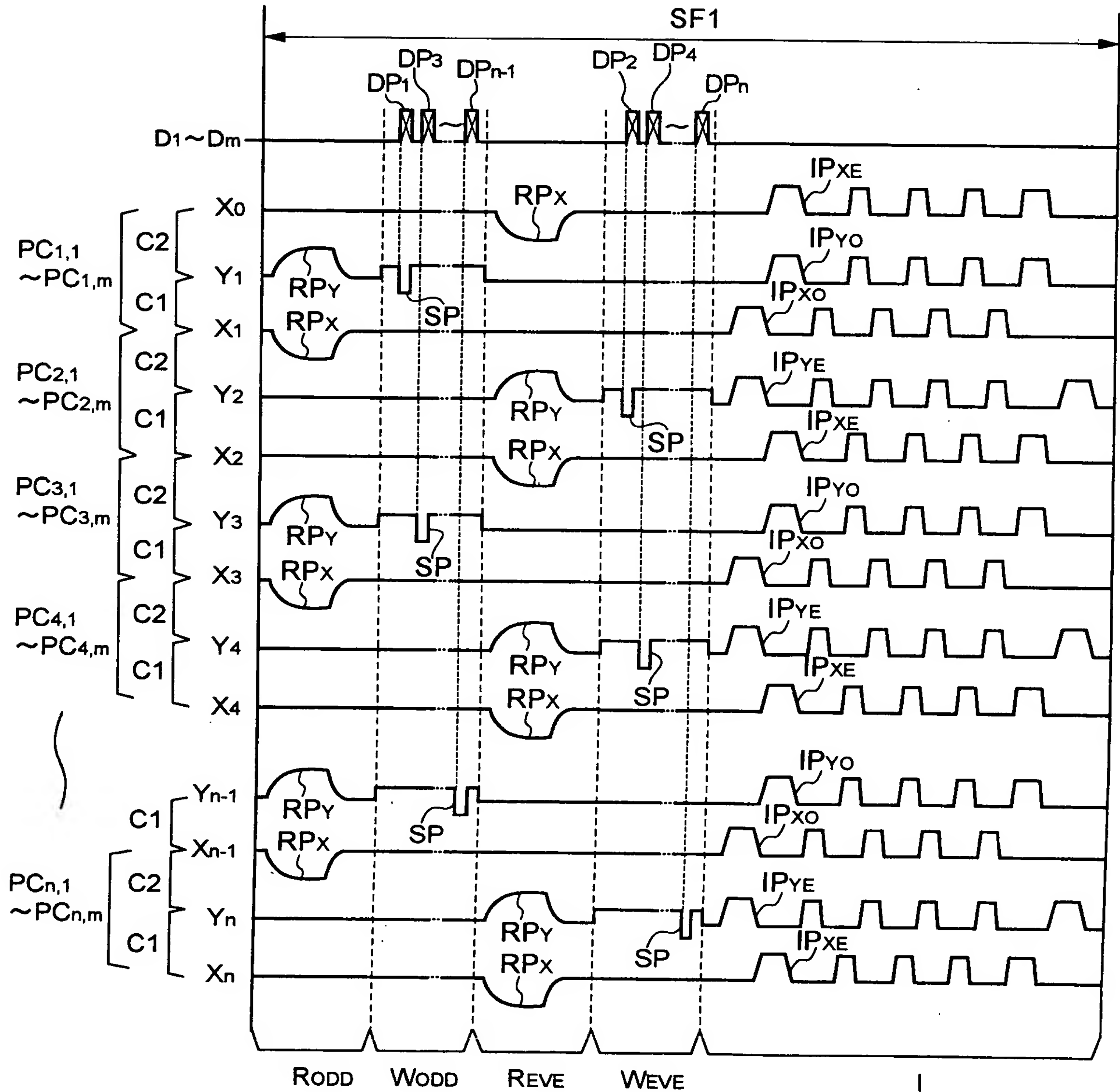


FIG. 12



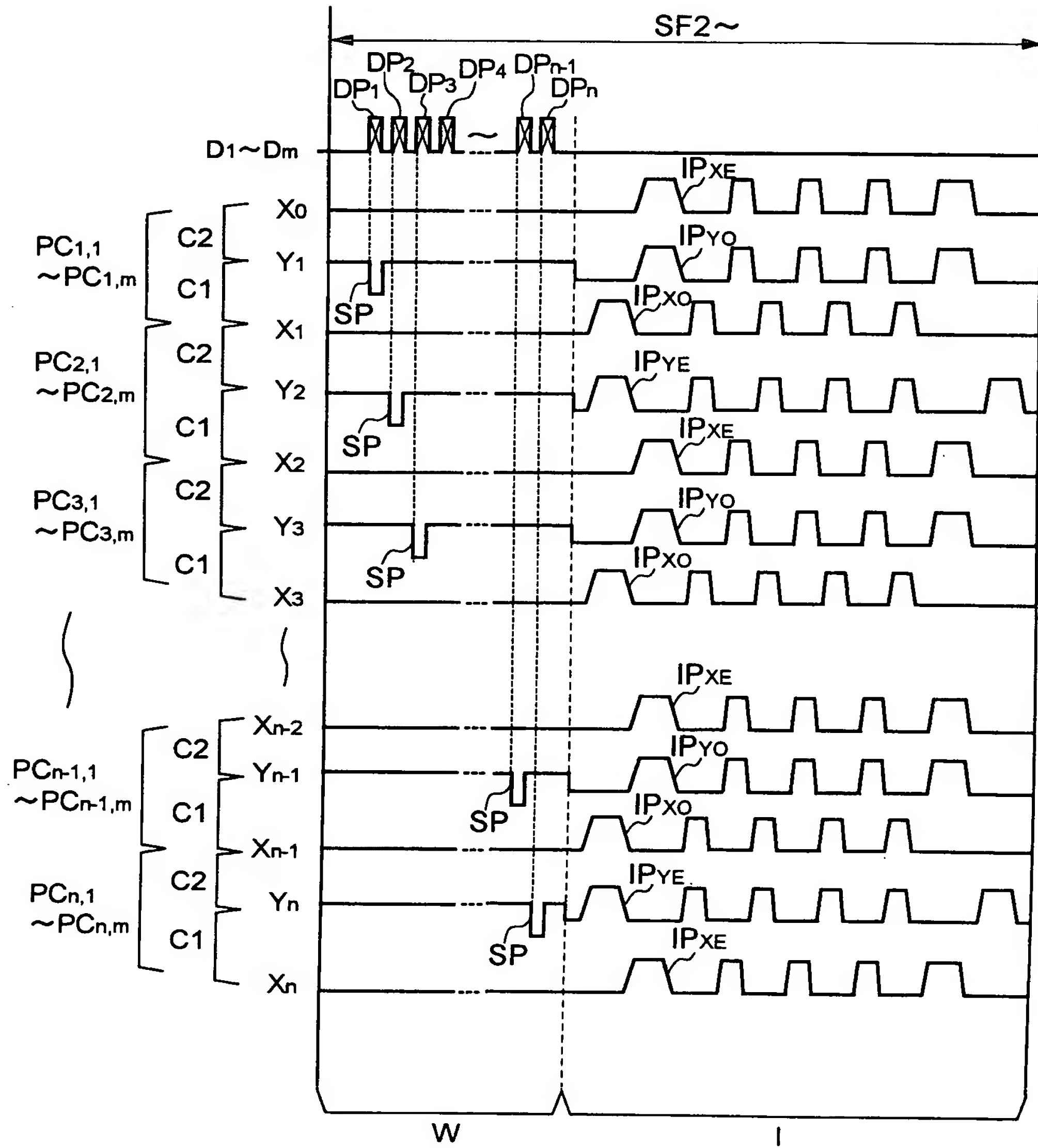
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FIG. 13



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FIG. 14



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FIG. 15

| | DRIVING PATTERNS | | | | | | | | | |
|-----|------------------|---------|---------|---------|---------|---------|---|-------------|-------------|-----------|
| | SF 1 | SF 2 | SF 3 | SF 4 | SF 5 | SF 6 | ~ | SF (N-2) | SF (N-1) | SF (N) |
| 1 | | | | | | | | | | |
| 2 | ⊙ | | | | | | | | | |
| 3 | ⊙ | ⊙ | | | | | | | | |
| 4 | ⊙ | ⊙ | ⊙ | | | | | | | |
| ⋮ | | | | | | | | | | |
| N-1 | ⊙ | ⊙ | ⊙ | ⊙ | ⊙ | ⊙ | | ⊙ | | |
| N | ⊙ | ⊙ | ⊙ | ⊙ | ⊙ | ⊙ | ~ | ⊙ | ⊙ | |
| N+1 | ⊙ | ⊙ | ⊙ | ⊙ | ⊙ | ⊙ | | ⊙ | ⊙ | ⊙ |

FIG. 16

| | DRIVING PATTERNS | | | | | | | | | |
|-----|------------------|---------|---------|---------|---------|---------|---|-------------|-------------|-----------|
| | SF 1 | SF 2 | SF 3 | SF 4 | SF 5 | SF 6 | ~ | SF (N-2) | SF (N-1) | SF (N) |
| 1 | ● | | | | | | | | | |
| 2 | ○ | ● | | | | | | | | |
| 3 | ○ | ○ | ● | | | | | | | |
| 4 | ○ | ○ | ○ | ● | | | | | | |
| ⋮ | | | | | | | | | | |
| N-2 | ○ | ○ | ○ | ○ | ○ | ○ | | ● | | |
| N-1 | ○ | ○ | ○ | ○ | ○ | ○ | ~ | ○ | ● | |
| N | ○ | ○ | ○ | ○ | ○ | ○ | | ○ | ○ | ● |
| N+1 | ○ | ○ | ○ | ○ | ○ | ○ | | ○ | ○ | ○ |